Agriculture Canada

WORKING PAPER

Marketing and Economics Branch

Direction générale de la commercialisation et de l'économie

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CHANGING CROPPING PATTERNS OF ONTARIO'S AGRICULTURAL LAND

(Working Paper 9/85)

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CHANGING CROPPING PATTERNS OF ONTARIO'S AGRICULTURAL LAND

I. SUMMARY

According to the 1981 Census, Ontario had 11,466,000 acres of improved land. The area planted to crops has been increasing by 1 percent per annum. Acreages planted to corn, soybeans, wheat and barley have been increasing, while hay, oats and mixed grain acreages have been declining.

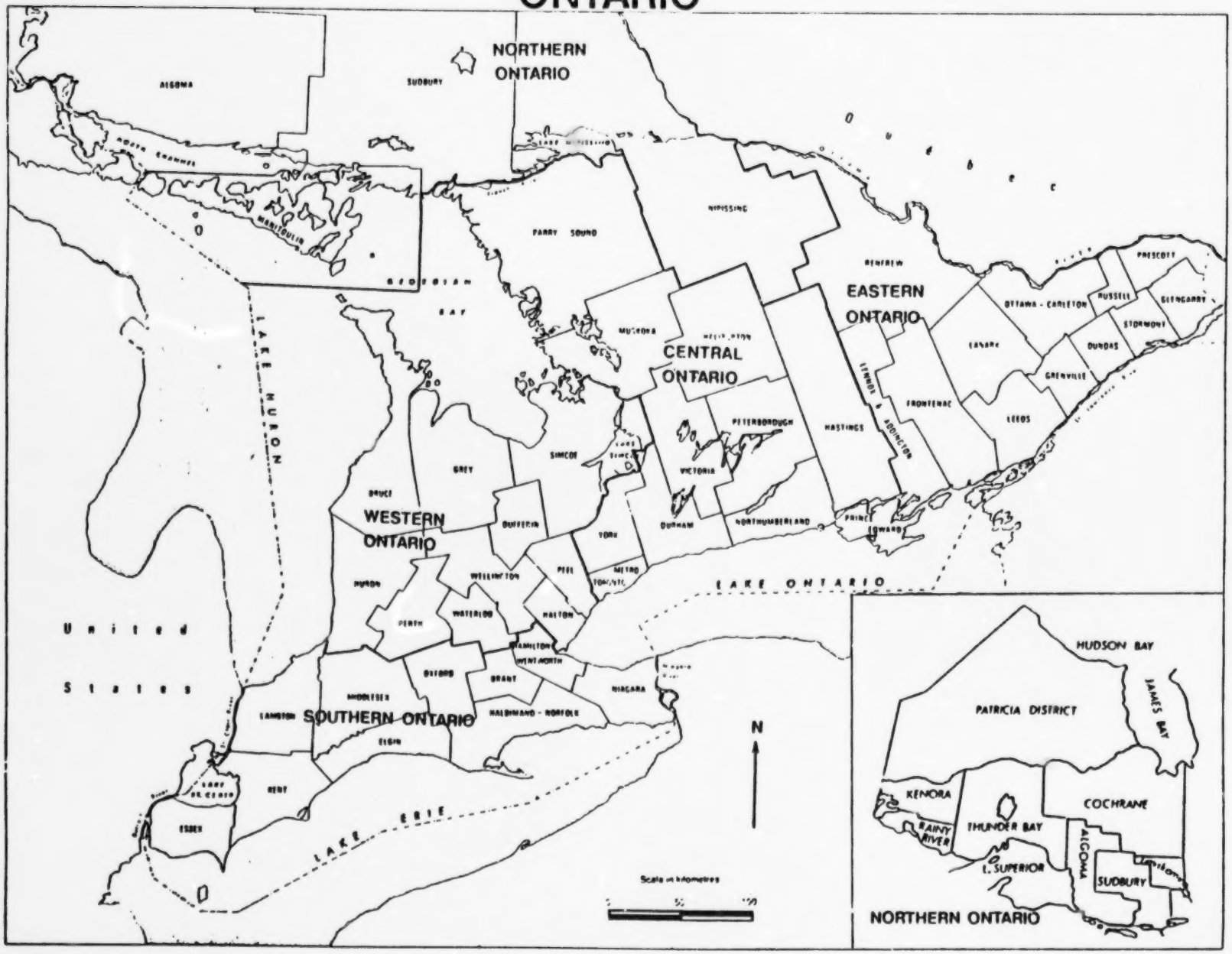
The regional differences from the provincial norms are: a decrease in barley acreage in Southern Ontario, significant growth rates in soybean production in Western and Central Ontario; an increase in mixed grain acreage in Eastern Ontario; and in the North an increase in hay acreage and no soybean production.

II. INTRODUCTION

Agricultural land use in Ontario has been changing since Confederation times and its use will continue to do so as the structure of Ontario agriculture changes. Structure changes due to differing market demands and technical production possibilities. This paper describes agricultural land use in Ontario on a crop and on a regional basis and indicates the changes that have occurred in agricultural land use across Ontario.

The paper is organized as follows. The next section provides data on agricultural land use for the province. The following section looks at land use by crop production. The remaining section discusses land use in each of the agricultural regions in Ontario.

ONTARIO


NORTHERN ONTARIO
ALGOMA
SUDBURY
NIPISSING
PARRY SOUND
MANITOULIN
GEORGIAN BAY
LAKE HURON
MUSKOKA
CENTRAL ONTARIO
EASTERN ONTARIO
RENFREW
OTTAWA - CARLETON
PRESCOTT
RUSSELL
GLENGARRY
STORMONT
DUNDAS
GRENVILLE
LANARK
FRONTENAC
LEEDS
LENNOX & ADDINGTON
HASTINGS
PETERBOROUGH
VICTORIA
SIMCOE
GREY
BRUCE
WESTERN ONTARIO
DUFFERIN
YORK
DURHAM
NORTHUMBERLAND
PRINCE EDWARD
PEEL
METRO TORONTO
HALTON
WELLINGTON
WATERLOO
PERTH
HURON
HAMILTON-WENTWORTH
OXFORD
BRANT
NIAGARA
MIDDLESEX
LAMBTON
SOUTHERN ONTARIO
HALDIMAND - NORFOLK
ELGIN
KENT
ESSEX
LAKE ST. CLAIR
LAKE ERIE
LAKE ONTARIO
United States
N
Scale in kilometres
HUDSON BAY
JAMES BAY
PATRICIA DISTRICT
KENORA
RAINY RIVER
THUNDER BAY
COCHRANE
ALGOMA
L. SUPERIOR
SUDBURY
NORTHERN ONTARIO

III. AGRICULTURAL LAND USE IN ONTARIO, 1981

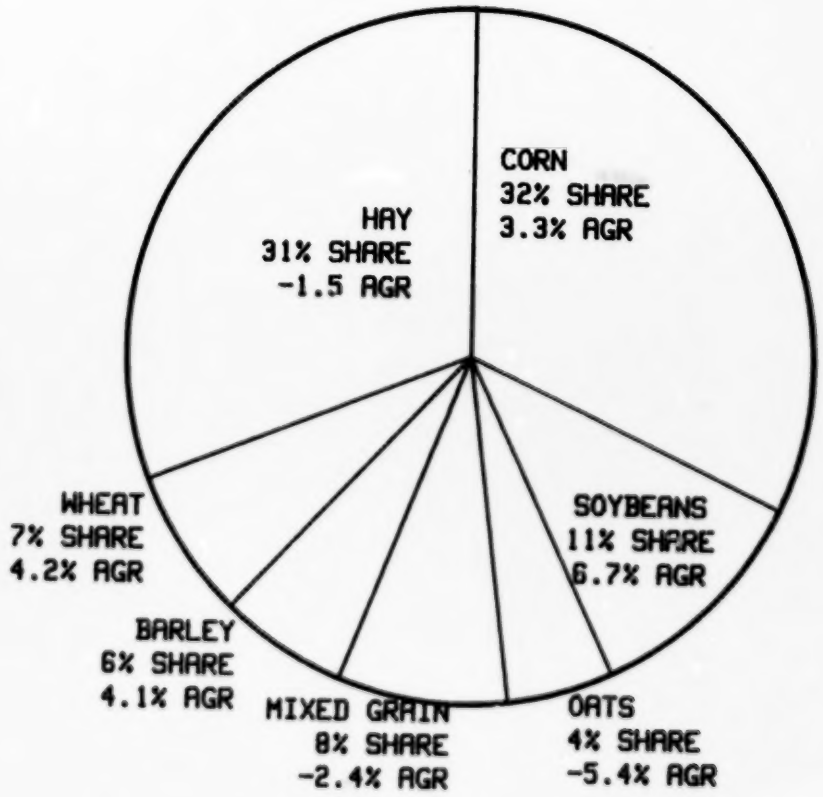
The province's land area is 227 million acres (Table 1) with 6.6 percent of this area on farms (14.9 million acres). The improved land area was 11.2 million acres in 1981, with 80 percent of this in crop production (8.9 million acres). Currently, hay is the largest crop in terms of area utilized at 29 percent, grain corn is second at 24 percent, mixed grains third at nine percent and soybeans fourth at eight percent of crops under cultivation. Soybeans and corn have experienced the largest growth in land area between 1971 and 1981, at 188 percent and 172 percent, respectively.

The improved area under crop cultivation varies by region in Ontario (Table 2). The geographical distribution of the five agricultural regions is illustrated in the map on page 2. For the province, improved land under crop cultivation is 80 percent, with a high of 90 percent in Southern Ontario and a low of 68 percent in Northern Ontario. Correspondingly, the pasture share of improved land is lowest in Southern Ontario and highest in Northern Ontario (5 and 25 percent, respectively). Southern Ontario accounts for 37 percent of the land in crops, Western Ontario 32 percent, Central Ontario 13 percent, Eastern Ontario 14 percent and Northern Ontario 4 percent (Table 2).

IV. ONTARIO CROP ACREAGES

The amount of improved land in agricultural use has increased by 0.3 percent per year between 1973 and 1983. During that period, the land devoted to the seven major crops has increased from 7.37 million acres to 8.18 million acres, a one percent per annum growth rate (Table 3). The seven major crops are corn, soybeans, wheat, barley, oats, mixed grains and hay. As a percent of improved crop land, this

FIGURE 1. 1983 CROPLAND UTILIZATION AND
1973-1983 ANNUAL GROWTH RATE (AGR)



MAJOR CROPLAND AREA 8,176,000 ACRES
1.0% ANNUAL GROWTH RATE
73% OF IMPROVED LAND

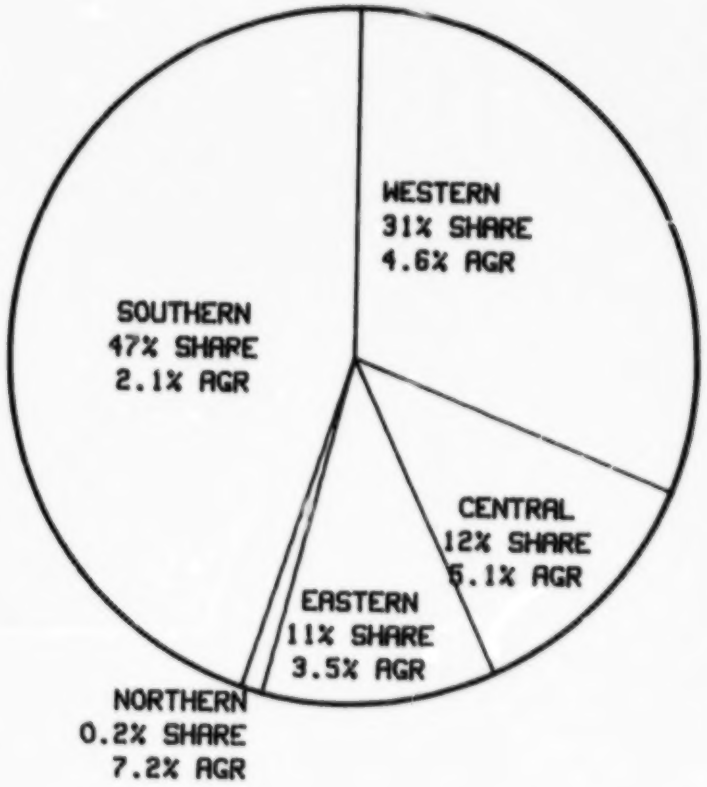
acreage has increased from 68 percent in 1973 to 73 percent in 1983, or 0.8 percent yearly growth rate. As shown in figure 1, Corn, soybean, wheat and barley acreage has been increasing since 1973 (3.3 percent, 6.7 percent, 4.2 percent and 4.1 percent annually, respectively), while oats, mixed grain and hay acreage has been declining (5.4, 2.4 and 1.5 percent, respectively). The remaining improved land of pasture, summerfallow, and speciality crops has decreased from 32 percent of improved land in 1973 to 27 percent in 1983.

IV.1 Corn

Corn is currently the largest Ontario crop, in terms of agricultural land use. In 1983, it accounted for 2.6 million acres, which was 32 percent of the land in the seven major crops and 23 percent of the improved land (Table 3 and Table 4). Corn acreage has been growing at 3.3 percent per year and its share of the seven major crops has also been growing at 2.3 percent.

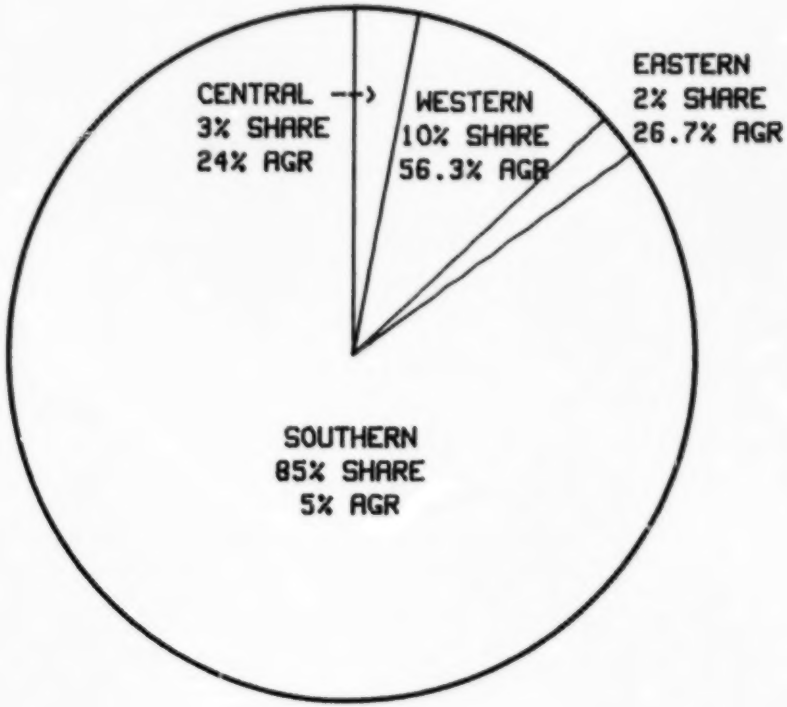
Southern Ontario is the major corn area, with 47 percent of total corn acreage (Table 4 and figure 2). However, this share has been declining at 1.1 percent per year even though acreage planted has been increasing at 2.1 percent per annum. Corn acreage in Western and Central Ontario is 31 and 12 percent of the total. This acreage is increasing faster than the Ontario average, and as a result their share of Ontario corn acreage is growing at 13 and 1.7 percent, respectively.

FIGURE 2. REGIONAL DISTRIBUTION OF ONTARIO CORN ACREAGE IN 1983 AND 1973-1983 ANNUAL GROWTH RATE (AGR) IN ACREAGE



ONTARIO CORN ACREAGE 2,600,000 ACRES
3.3% ANNUAL GROWTH RATE
32% OF ONTARIO CROPLAND

FIGURE 3. REGIONAL DISTRIBUTION OF ONTARIO SOYBEAN ACREAGE IN 1983 AND 1973-1983 ANNUAL GROWTH RATE (AGR) IN ACREAGE



ONTARIO SOYBEAN ACREAGE 900,000 ACRES
6.7% ANNUAL GROWTH RATE
11 % OF ONTARIO CROPLAND

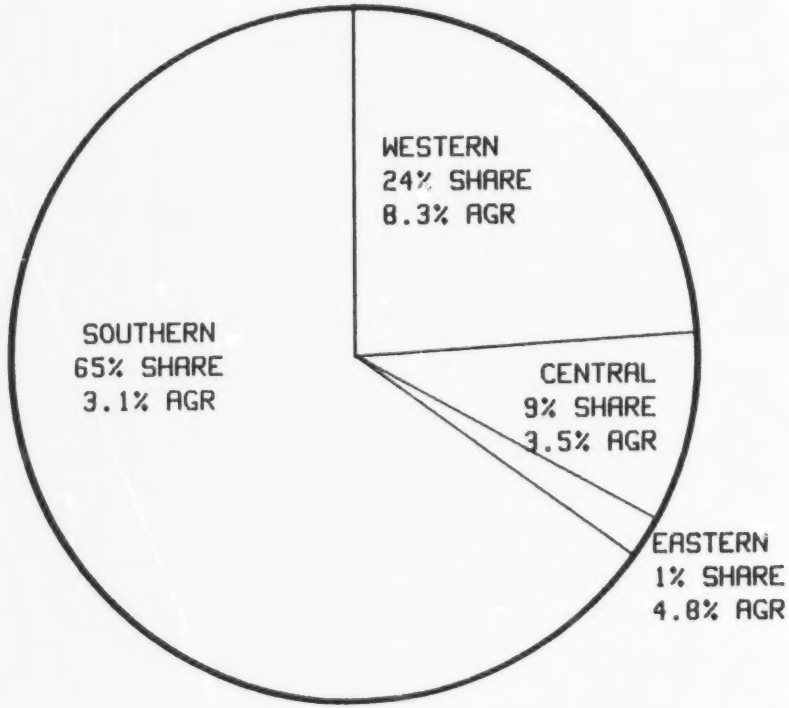
IV.2 Soybeans

Soybean production is experiencing the largest annual growth rate in acreage (6.7 percent) and in share of crop land (5.6 percent) in Ontario (Tables 3 and 5). Currently, soybeans accounts for 11 percent of crop land use in Ontario, and its acreage has grown from 470,000 acres in 1973 to 900,000 acres in 1983. In the 1970's all of soybean production occurred in Southern Ontario. However, now 15 percent of it occurs in other areas. Western Ontario now accounts for 10 percent, Central Ontario 3 percent, and Eastern Ontario 2 percent. Consequently, growth rates in land utilized for soybeans in these non-traditional areas ranges between 25 and 50 percent per year (see also figure 3).

IV.3 Wheat

Wheat acreage at 7 percent of Ontario crop acreage, has increased from 376,000 acres in 1973 to 565,000 acres in 1983, an annual growth rate of 4.2 percent (Tables 3 and 6). Western Ontario is the region with the largest percentage increase in wheat acreage at 8.3 percent, and its share is increasing to 24 percent, an annual growth rate of 3.9 percent (figure 4). Wheat acreage has also increased in Southern Ontario, but its share has fallen by 1.1 percent per year to 65 percent of Ontario wheat acreage in 1983. Wheat acreage in Central Ontario has remained around 10 percent of Ontario acreage, with acreage increasing at 3.5 percent, just under the Ontario average increase. Wheat acreage in Eastern and Northern Ontario is negligible and exhibits a significant growth prospect.

FIGURE 4. REGIONAL DISTRIBUTION OF ONTARIO WHEAT ACREAGE IN 1983 AND 1973-1983 ANNUAL GROWTH RATE (AGR) IN ACREAGE



ONTARIO WHEAT ACREAGE 565,000 ACRES
4.2 % ANNUAL GROWTH RATE
7% OF ONTARIO CROPLAND

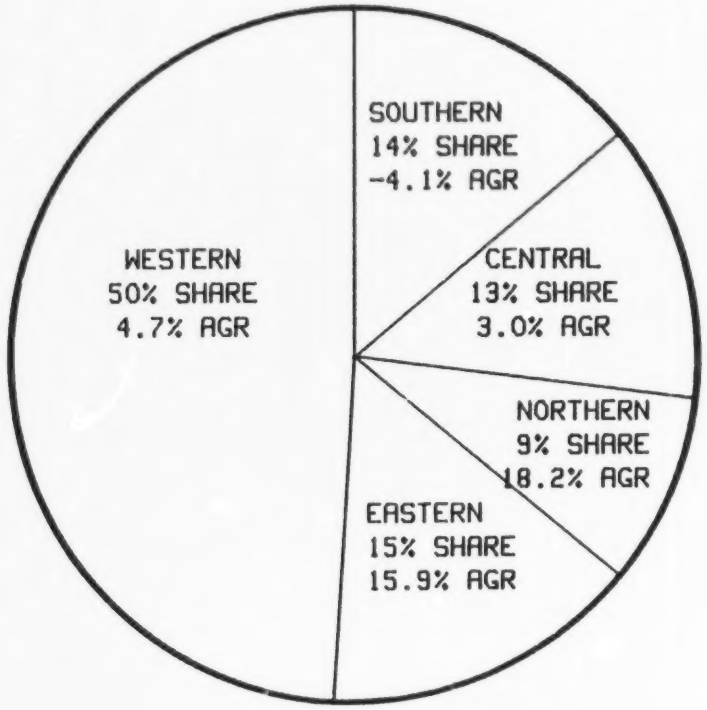
IV.4 Barley

Barley production utilizes 6 percent of Ontario crop land (Table 3 and 7 and figure 5). Its current acreage is 525,000 acres and this has grown at 4.1 percent annually. Western Ontario with 260,000 acres of barley is the major producer accounting for 50 percent of Ontario barley acreage in 1983. Barley acreage has increased by 4.7 percent a year, and its share has increased by 0.5 percent annually. Barley acreage in Southern Ontario has trended downward by 4.1 percent per year and in 1983 was 72,000 acres or 14 percent of Ontario acreage. In Central Ontario barley acreage has increased by 3 percent per year but its current share of 13 percent of Ontario barley has been decreasing by 1.1 percent a year. Barley production in Eastern Ontario has been increasing significantly by 15.9 percent per year since 1973 and 1983 acreage at 79,000 acres represents 15 percent of Ontario barley acreage. In 1973 Eastern Ontario accounted for only 5 percent of provincial acreage. Northern Ontario barley acreage has shown significant increases over the period (18.2 percent per annum) with 1983 acreage of 48,000 acres at 9 percent of the Ontario total.

IV.5 Oats

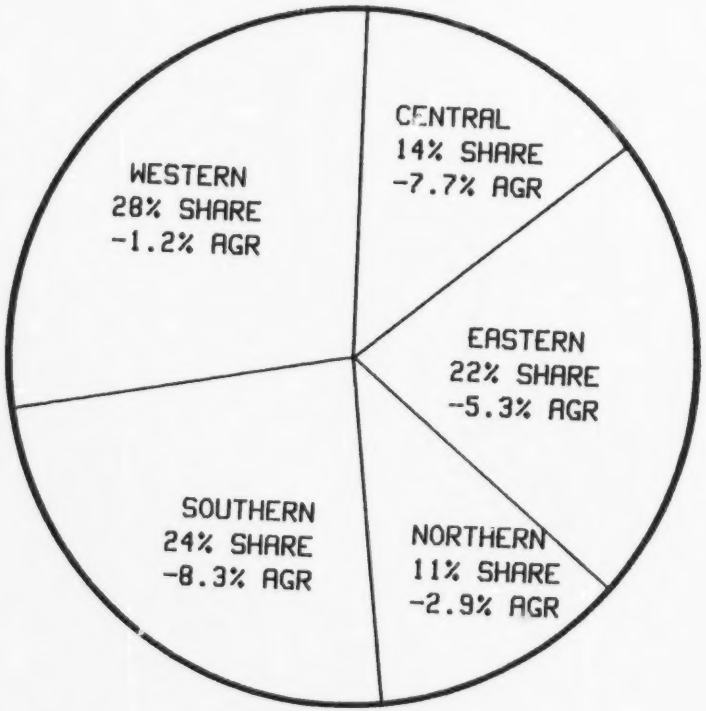
Oat acreage in Ontario has been declining by 5.4 percent per year and currently accounts for only 4 percent of Ontario crop land use at 331,000 acres (Tables 3 and 8). Oat acreage has also declined in each region (see figure 6). Western Ontario accounts for the largest amount of oat acreage at 28 percent. The share has been increasing at 4.4 percent per year even though oat acreage in Western Ontario has decreased by 1.2 percent per year. Oat acreage has decreased most significantly in Southern Ontario, 8.3 percent annual on acreage to 80,000 acres and its share by 3.1 percent per year to 24 percent. Oat acreage in Central Ontario has more that halved since 1973 and is now

FIGURE 5. REGIONAL DISTRIBUTION OF ONTARIO BARLEY ACREAGE IN 1983 AND 1973-1983 ANNUAL GROWTH RATE (AGR) IN ACREAGE



ONTARIO BARLEY ACREAGE 525,000 ACRES
4.1% ANNUAL GROWTH RATE
6% OF ONTARIO CROPLAND

FIGURE 6. REGIONAL DISTRIBUTION OF ONTARIO OATS ACREAGE IN 1983 AND 1973-1983 ANNUAL GROWTH RATE (AGR) IN ACREAGE



ONTARIO OATS ACREAGE 331,000 ACRES
-5.4% ANNUAL GROWTH RATE
4% OF ONTARIO CROPLAND

only 14 percent of the provincial total. The Eastern Ontario share was virtually the same in 1983 as in 1973 even though acreage fell by 50,000 acres, or 5.3 percent per year. The share of oat acreage has increased in Northern Ontario by 2.6 percent per year and it now represents 11 percent of provincial acreage.

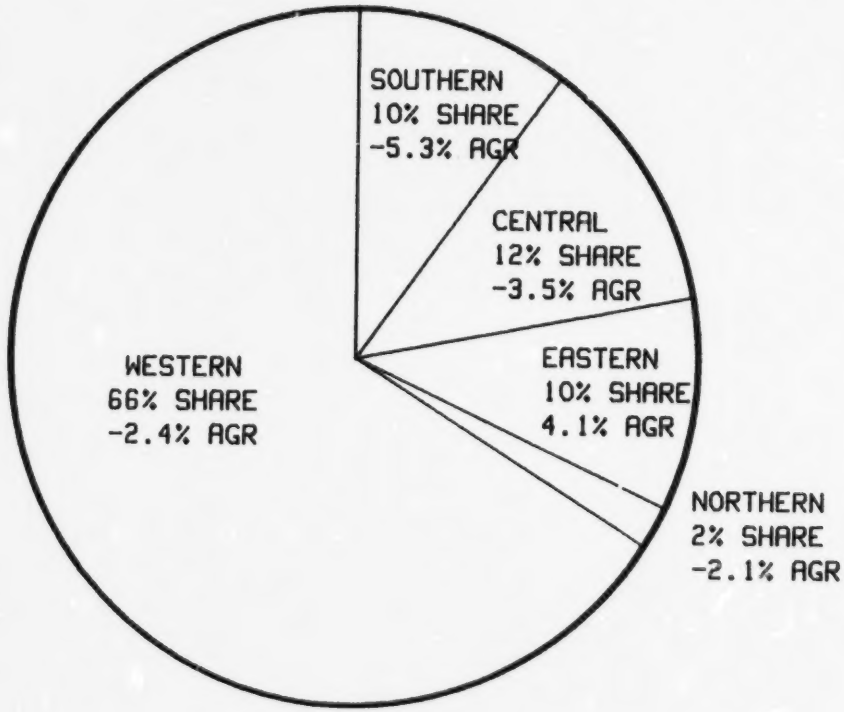
IV.6 Mixed grains

Mixed grain acreage at 685,000 acres in 1983 or 8 percent of Ontario crop land utilization has been decreasing by 2.4 percent per year (Table 3 and 9 and figure 7). This provincial share has been declining by 2.4 percent. Mixed grain acreage has declined in all regions except Eastern Ontario, where acreage of 66,000 acres growing at 4.1 percent annually represents 10 percent of the provincial total. Western Ontario is the major mixed grain area, with 452,000 acres. This area has been decreasing by 2.4 percent annually. This region has consistantly accounted for 66 percent of the provincial total. Southern Ontario acreage has declined by 5.3 percent and is now only 10 percent of the provincial mixed grain acreage. Central Ontario's acreage has been decreasing by 3.5 percent annually and is 12 percent of this total.

IV.7 Hay

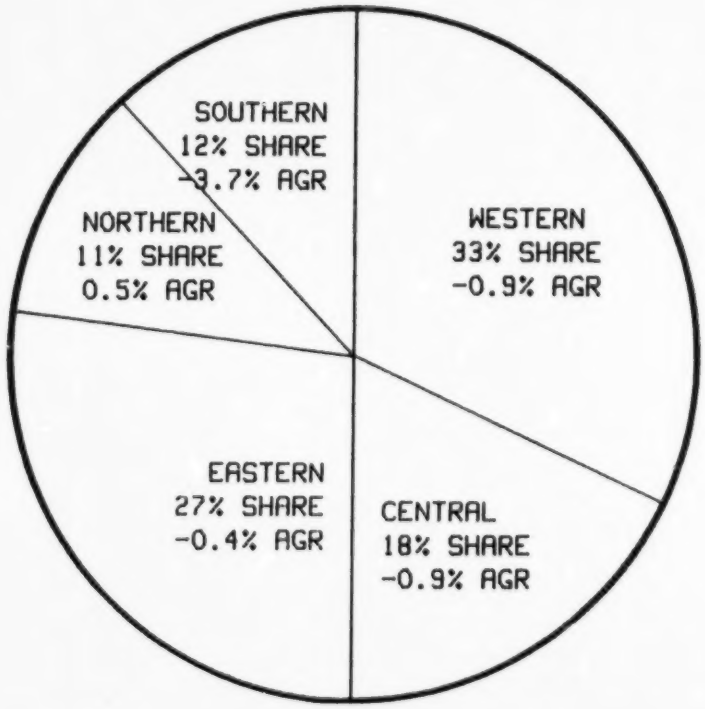
In 1983, Ontario hay acreage accounted for 31 percent of Ontario crop land, at 2,575 million acres (Table 3 and figure 8). This areas has been declining around 1.5 percent per year. Area in hay production has decreased in all of the provincial regions except in the North (Table 10). Northern hay acreage is 270,000 acres and accounts for 11 percent of the provincial total. This acreage has grown 0.7 percent annually.

FIGURE 7. DISTRIBUTION OF ONTARIO MIXED GRAIN ACREAGE IN 1983 AND 1973-1983 ANNUAL GROWTH RATE (AGR) IN ACREAGE



ONTARIO MIXED GRAIN ACREAGE 685,000 ACRES
-2.4% ANNUAL GROWTH RATE
8% OF ONTARIO CROPLAND

FIGURE 8. REGIONAL DISTRIBUTION OF ONTARIO HAY ACREAGE IN 1983 AND 1973-1983 ANNUAL GROWTH RATE (AGR) IN ACREAGE



ONTARIO HAY ACREAGE 2,575,000 ACRES
-1.5% ANNUAL GROWTH RATE
31% OF ONTARIO CROP LAND

Western Ontario's hay area has consistently been 33 percent of the provincial total and its acreage has been declining by 0.9 percent to 850,000 acres. In Southern Ontario, the area in hay has declined by 3.7 percent annually to 300,000 acres in 1983. In Eastern Ontario the area in hay of 700,000 acres, or 27 percent of the provincial area, has declined slightly. Central Ontario at 18 percent of Ontario hay acreage has shown similar declines.

V. REGIONAL CROP LAND UTILIZATION

The above discussion implies that production of various crops exhibits different shares and rates of growth in each region of Ontario. In this section the utilization of crop land in each region of Ontario is explored. Total crop acreage in each region is illustrated in Table 11. The annual growth rate for Ontario land in crop production between 1973 and 1983 is 1.0 percent, with Southern Ontario and Western Ontario exceeding this provincial note, at 1.1 and 1.3 percent respectively. In terms of the share of crop land by region, Southern Ontario is the highest at 35 percent and Northern Ontario the lowest at 5 percent. Moreover, as one moves eastward and northward in the province the share of improved land in crop production declines.

V.1 Southern Ontario

The total area of improved farm land in Southern Ontario increased by 130,000 acres between 1973 and 1983 to 3,650,000 acres (Table 12). The land planted to the seven major crops (corn, soybeans, wheat, barley, oats mixed grain and hay) has increasesd by 286,000 acres

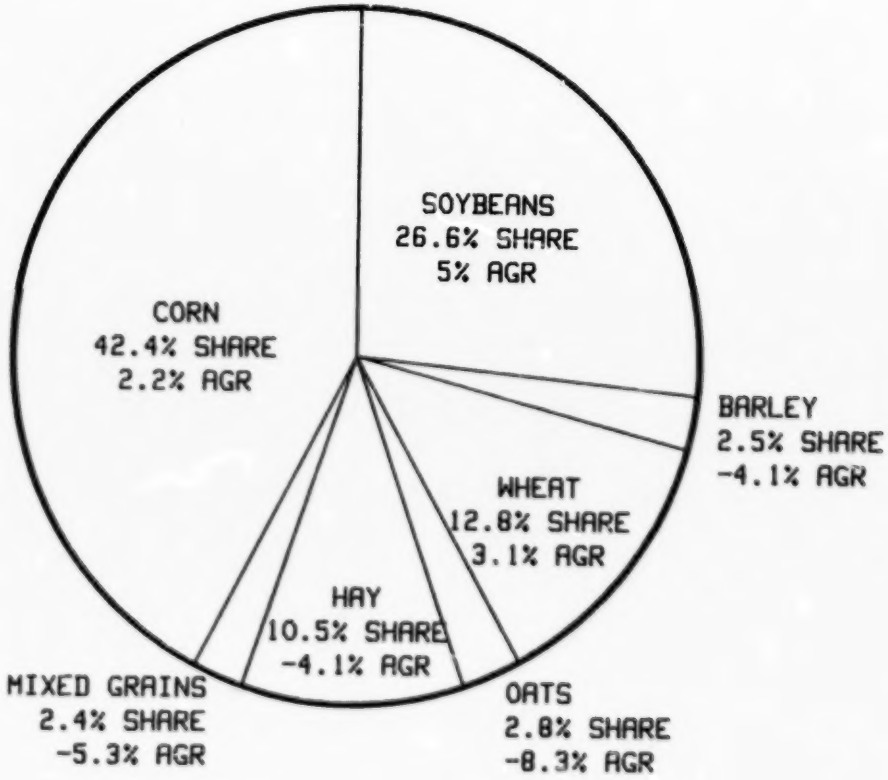
(representing an annual growth rate of 1.1 percent) and in 1983 this area represented 79 percent of the improved land. The difference between the area planted to these seven major crops and the improved land is defined here as the remaining improved land. This represented one million acres in the mid-1970's and is less than 800,000 acres today. This land is used for pasture, other crops and speciality crops, and was just over 21 percent of the improved land in 1983.

Corn acreage has grown by 2.2 percent per year since 1973 and is now 1.2 million acres, which is 42 percent of the area planted to the seven crops and 33 percent of the improved land (figure 9 and table 12). Similarly soybean acreage has an annual growth rate of 5.0 percent through this period and is now 27 percent of land in the 7 crops and 21 percent of improved land in Southern Ontario.

Wheat acreage has exhibited significant variability around the annual growth rate of 3.1 percent and in 1983 was 13 percent of the area planted to the major crops and 10 percent of the improved land area. Barley, oats and mixed grain acreage has been trending downward at 4.1, 8.3 and 5.3 percent per year, respectively. Their share of improved land is around 6 percent today. Hay acreage has decreased by at least 100,000 acres since the 1970's, a decline of 3.7 percent per year. The share of improved land for hay has declined to 8 percent.

In summary, Southern Ontario land use has been changing with the share of soybean and corn acreage increasing by 4.6 and 1.8 percent per year, and the share of land going into the other grains, hay, pasture and other crops decreasing.

FIGURE 9. UTILIZATION OF CROPLAND IN SOUTHERN ONTARIO IN 1983 AND 1973-83 ANNUAL GROWTH RATES (AGR)



TOTAL CROPLAND 2,868,000 ACRES
1.1% ANNUAL GROWTH RATE
79% OF IMPROVED LAND
35% OF ONTARIO CROPLAND

V.2 Western Ontario

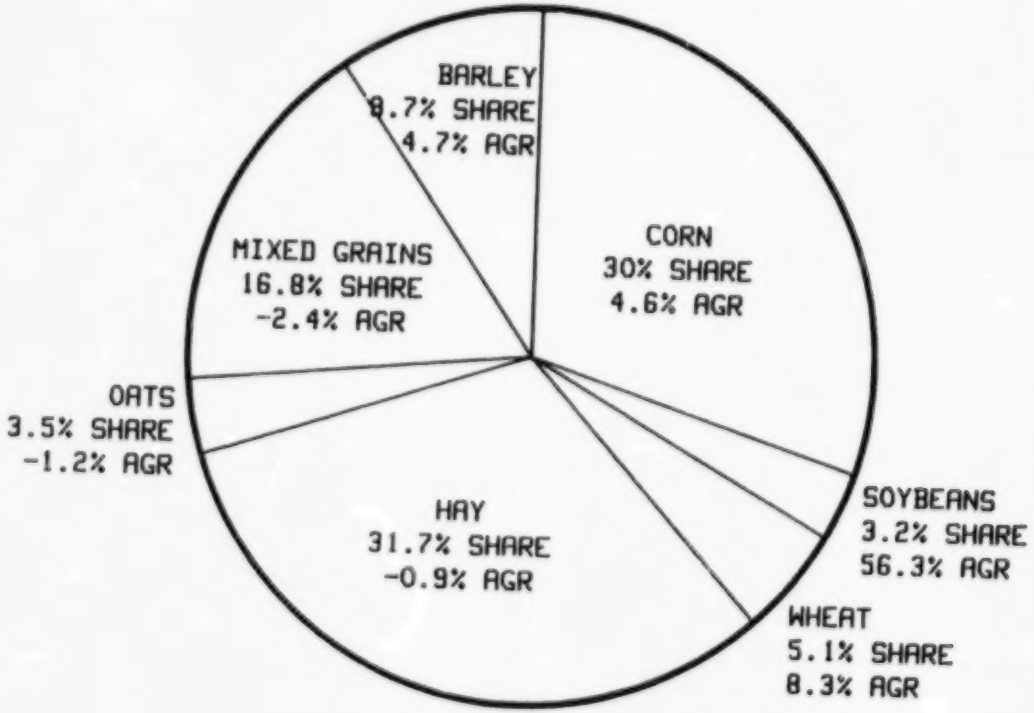
Western Ontario has exhibited the largest regional increase in crop acreage since 1973, from 2.353 million acres in 1973 to 2.684 million acres, a growth rate of 1.3 percent annually. Crop production now accounts for almost 75 percent of improved land utilization (Table 13).

Corn production represents 30 percent of crop land use, or 805,000 acres. As also shown in figure 10, this represents a 4.6 percent annual growth rate. Corn acreage peaked in 1980 at 939,000 acres. Hay acreage is currently 31.7 percent of crop land, decreasing at .9 percent per year. Mixed grains used to encompass 25 percent of the crop land area and it has been decreasing by 2.4 percent per year to 17 percent in 1983. This region accounts for 66 percent of Ontario's mixed grain acreage. Soybean acreage started to appear in the late 1970's and is now 87,000 acres, or 3.2 percent of crop land. This soybean acreage is now 10 percent of Ontario soybean acreage, Table 5. Wheat acreage has been increasing 8.3 percent per year to 137,000 acres in 1983. The Western Ontario region has exhibited the largest increase in wheat acreage and accounts for 24 percent of Ontario wheat acreage. Barley acreage has increased by 100,000 acres (or 4.7 percent annually) to 260,000 acres and is now representing 10 percent of crop land. This region accounts for 50 percent of the Ontario land utilization in barley. Oats production has been decreasing by 1.2 percent per year and is now only 3.5 percent of the regions crop land.

V.3 Central Ontario

Crop acreage in Central Ontario has increased by less than the provincial average at 0.5 percent per year (table 14 and figure 11).

FIGURE 10. UTILIZATION OF CROPLAND IN WESTERN ONTARIO IN 1983 AND 1973-83 ANNUAL GROWTH RATE (AGR) IN ACREAGE



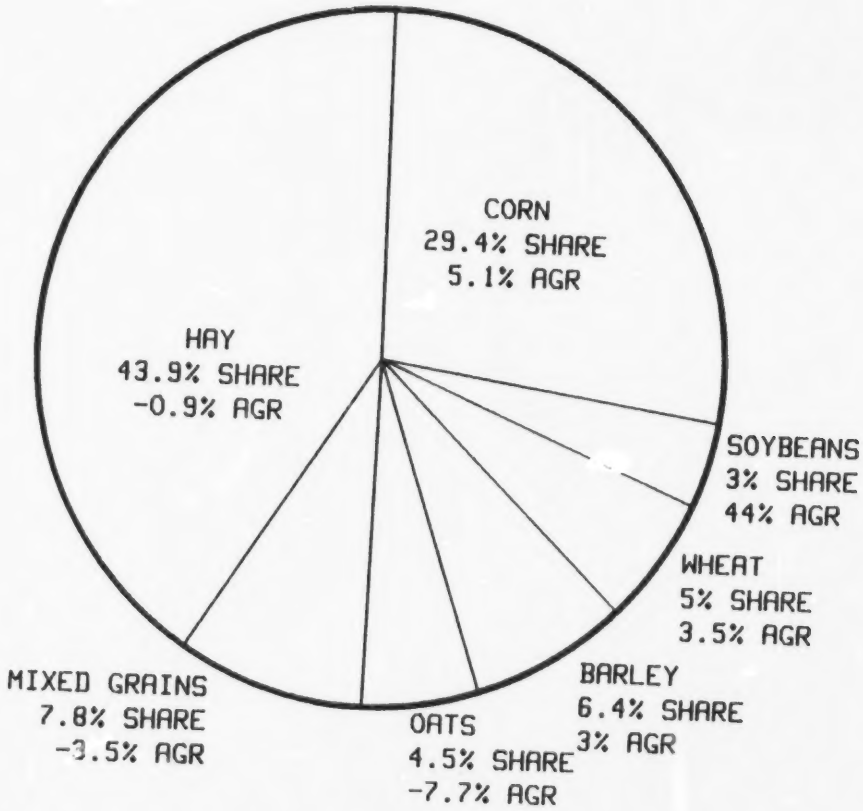
TOTAL CROPLAND 2,684,000 ACREAGE
1.3% ANNUAL GROWTH RATE
75% OF IMPROVED LAND
33% OF ONTARIO CROPLAND

This area also has shown an increase in improved land not devoted to the major crops discussed. This land would be predominately in fallow, vegetable and special crop production. Hay accounts for 44 percent of the crop land use, or 450,000 acres. This acreage has been declining by 0.9 percent per year. Corn acreage has increased from 183,000 acres to 301,000 acres during the period (a 5.1 percent annual increase), to now account for 29.4 percent of crop land use. As in the Western and Eastern regions, soybeans production has recently begun and is now 31,000 acres (3 percent of crop land). Wheat acreage is 5 percent of crop land acreage and has shown modest growth of 3.5 percent per year. As in the rest of Ontario, oats acreage has declined to 4.5 percent of crop land, a 7.7 annual decrease. Mixed grain acreage has also decreased to 7.8 percent of crop land, an annual 3.5 percen decline.

V.4 Eastern Ontario

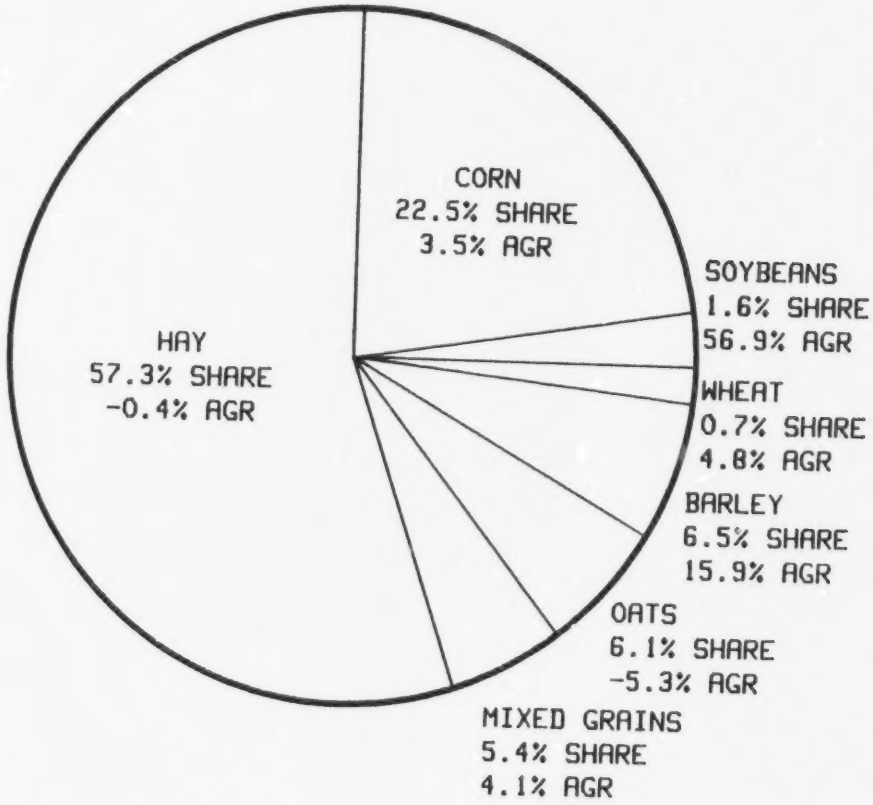
Eastern Ontario accounts for 15 percent of Ontario crop land, at 1.2 million acres (tables 14 and figure 12). The acreage annual increase in total crop land at 0.9 percent has been just below the Ontario average of 1.0 percent. All crop acreages in this region have been increasing except for oats and hay with at 5.3 and 0.4 percent per year respective decline. Oats acreage was 74,000 acres in 1983, 6.1 percent of the total crop land. Hay acreage at 700,000 represents 57.3 percent of crop land area. Corn production has exhibited the largest increase, from 195,000 acres to 275,000 acres at 225 percent of crop land. The annual growth rate was 3.5 percent over the period. Soybean production is now at 19,000 acres, 1.6 percent of crop land. As in most other parts of Ontario its growth has been significant (56.9 percent per year).

FIGURE 11. UTILIZATION OF CROPLAND IN CENTRAL ONTARIO IN 1983 AND 1973-83 ANNUAL GROWTH RATE (AGR) IN ACREAGE



TOTAL CROPLAND 1,025,000 ACRES
0.5% ANNUAL GROWTH RATE
67% OF IMPROVED LAND
13% OF ONTARIO CROPLAND

FIGURE 12. UTILIZATION OF CROPLAND IN EASTERN ONTARIO IN 1983 AND 1973-83 ANNUAL GROWTH RATE (AGR) IN ACREAGE



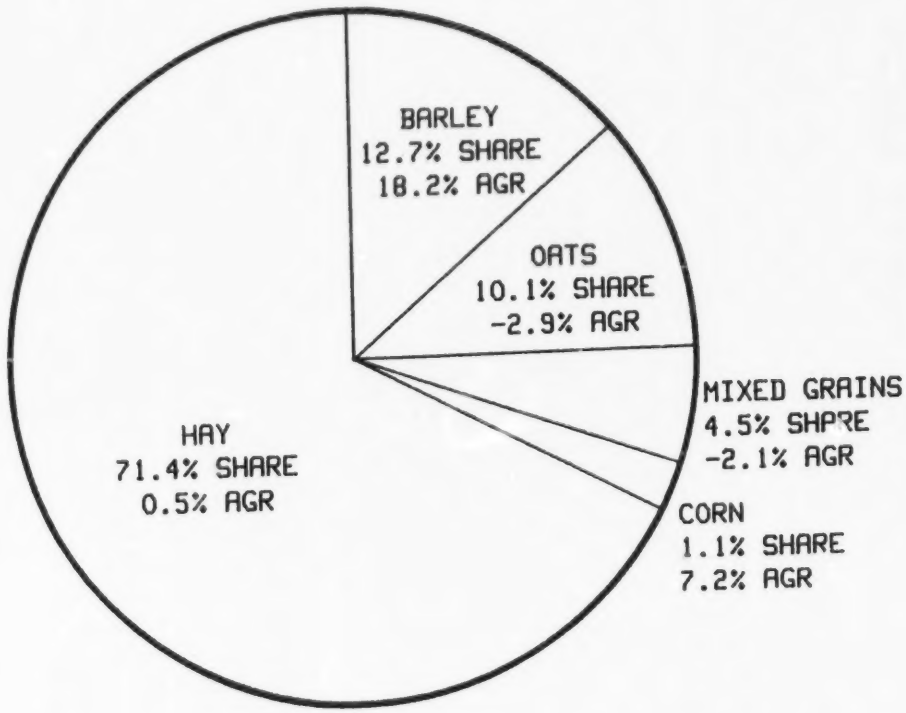
TOTAL CROPLAND 1,221,000 ACRES
0.9% ANNUAL GROWTH RATE
68% OF IMPROVED LAND
15% OF ONTARIO CROPLAND

Wheat acreage is less than one percent of crop land utilized. Mixed grain production has increased slightly by 4.1 percent per year and is now 5.4 percent of crop acreage at 66,000 acres.

V.5 Northern Ontario

Crop land in Northern Ontario is only 5 percent of the provincial total and has been increasing at the Provincial average of one percent a year (table 16 and figure 17). As well improved land in non-crop enterprises has been increasing and is now 36.5 percent of improved land. Hay is the major user of crop land with 270,000 acres or 71.4 percent of crop area. This area has been increasing slightly. Barley is the second most important crop at 12.7 percent of crop area. At 48,000 acres this crop has shown annual growth of 18.2 percent. Corn acreage is around one percent of crop area, or 4,000 acres. There are no acres in soybeans and less than a 1,000 acres of wheat. Oats and mixed grains have both shown acreage declines, 2.9 and 2.1 percent per year, respectively. Oats accounts for 10 percent of crop land and mixed grains 4.5 percent.

FIGURE 13. UTILIZATION OF CROPLAND IN NORTHERN ONTARIO IN 1983 AND 1973-83 ANNUAL GROWTH RATE (AGR) IN ACREAGE



TOTAL CROPLAND 378,000 ACRES
1.0% ANNUAL GROWTH RATE
63.5% OF IMPROVED LAND
5% OF ONTARIO CROPLAND

TABLE 1. AGRICULTURAL LAND USE IN ONTARIO, 1981

	Unit	1981	1981 as a % of 1971
Total land area	1000 acres	226,702	100
Area in Census farms	1000 acres	14,923	93
Improved land	1000 acres	11,166	103
Crops	1000 acres	8,977	114
Pasture	1000 acres	1,624	69
Summerfallow and other	1000 acres	565	84
Major crops			
Hay	1000 acres	2,575	95
	%	29	-
Grain corn	1000 acres	2,172	172
	%	24	-
Fodder corn	1000 acres	643	104
	%	7	-
Soybeans	1000 acres	689	188
	%	8	-
Mixed Grains	1000 acres	783	84
	%	9	-
Wheat	1000 acres	527	149
	%	6	-
Barley	1000 acres	467	121
	%	5	-
Oats	1000 acres	326	50
	%	4	-
Vegetables	1000 acres	152	91
	%	2	-
Tobacco	1000 acres	120	138
	%	1	-

Source: Statistics Canada, 1981, Census of Agriculture.

TABLE 2. REGIONAL AGRICULTURAL (IMPROVED) LAND USE IN ONTARIO, 1981

Regions	Unit	Improved Land Area			
		Under Crops	Improved Pasture	Summer-fallow and other	Total
Ontario	acres (1000)	8,977	1,624	565	11,166
of total	%	80	15	5	100
Southern Ontario	acres (1000)	3,286	198	166	3,650
of total	%	90	5	5	100
of Ontario	%	37	12	29	33
Western Ontario	acres (1000)	2,879	558	154	3,591
of total	%	80	16	4	100
of Ontario	%	32	34	27	32
Central Ontario	acres (1000)	1,129	301	104	1,534
of total	%	74	20	6	100
of Ontario	%	13	19	18	14
Eastern Ontario	acres (1000)	1,280	418	97	1,795
of total	%	71	23	5	100
of Ontario	%	14	26	17	16
Northern Ontario	acres (1000)	402	149	44	595
of total	%	68	25	7	100
of Ontario	%	4	9	8	5

Source: Statistics Canada, 1981, Census of Agriculture.

TABLE 3. CROP ACREAGES IN ONTARIO, 1973-1983

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Total Improved Area	1000 acres	10,864	11,069	11,069	11,069	11,069	11,069	11,166	11,166	11,166	11,166	11,166	0.3
Seven Major Crops	1000 acres	7,370	7,377	7,405	7,428	7,883	8,025	8,220	8,255	8,181	8,125	8,176	1.0
% of Improved	%	68	67	67	72	71	72	74	74	73	73	73	0.8
Remaining Improved	1000 acres	3,494	3,692	3,664	3,141	3,186	3,044	2,946	2,911	2,985	3,041	2,990	-1.5
% of Improved	%	32	33	33	28	29	28	26	26	27	27	27	-1.8
Seven Major Crops:													
Corn	1000 acres	1,874	2,131	2,150	2,444	2,475	2,520	2,680	2,770	2,815	2,695	2,600	3.3
% of Major Crops	%	25	29	29	31	31	31	33	34	34	33	32	2.3
% of Improved	%	17	19	19	22	22	23	24	25	25	24	23	3.0
Soybeans	1000 acres	470	441	585	376	493	705	700	700	689	900	900	6.7
% of Major Crops	%	6	6	5	5	6	9	9	8	8	11	11	5.6
% of Improved	%	4	4	3	3	4	6	6	6	6	8	8	6.4
Wheat	1000 acres	376	420	455	516	590	335	490	480	524	300	565	4.2
% of Major Crops	%	5	6	6	7	7	4	6	6	6	4	7	3.1
% of Improved	%	3	4	4	5	5	3	4	4	5	3	5	3.9
Barley	1000 acres	350	340	360	371	320	360	335	415	467	580	525	4.1
% of Major Crops	%	5	5	5	5	4	4	4	5	6	7	6	3.1
% of Improved	%	3	3	3	3	3	3	3	4	4	5	5	3.9
Oats	1000 acres	575	525	530	544	450	445	405	390	328	370	331	-5.4
% of Major Crops	%	8	7	7	7	6	6	5	5	4	5	4	-6.4
% of Improved	%	5	5	5	5	4	4	4	3	3	3	3	-5.6
Mixed Grains	1000 acres	875	819	825	826	810	810	790	800	783	740	685	-2.4
% of Major Crops	%	12	11	11	10	10	10	10	10	10	9	8	-3.4
% of Improved	%	8	7	7	7	7	7	7	7	7	7	6	-2.9
Hay	1000 acres	2,850	2,701	2,700	2,851	2,745	2,850	2,820	2,700	2,575	2,590	2,575	-1.5
% of Major Crops	%	39	37	36	36	35	36	34	33	31	31	31	-2.1
% of Improved	%	26	24	24	26	25	26	25	24	23	23	23	-1.3

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

TABLE 4. CORN ACREAGE IN ONTARIO, 1973-83

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Ontario Corn Acreage	1000 acres	1,874	2,131	2,150	2,444	2,475	2,520	2,680	2,770	2,815	2,695	2,600	3.3
% of Major Crops	%	25	29	29	31	31	31	33	34	34	33	32	2.3
% of Improved Land	%	17	19	19	22	22	23	24	25	25	24	23	3.0
Southern Ontario	1000 acres	983	1,084	1,098	1,184	1,150	1,173	1,185	1,240	1,273	1,260	1,215	2.1
Share of total	%	52	51	51	49	46	46	44	45	45	47	47	-1.1
Western Ontario	1000 acres	511	599	592	742	786	815	920	939	892	815	805	4.6
Share of total	%	27	28	28	30	32	32	34	34	32	30	31	1.3
Central Ontario	1000 acres	183	208	213	246	270	273	300	315	339	320	301	5.1
Share of total	%	10	10	10	10	11	11	11	11	12	12	12	1.7
Eastern Ontario	1000 acres	195	238	244	263	265	255	271	273	307	300	275	3.5
Share of total	%	10	11	11	11	11	10	10	10	11	11	11	0.2
Nortern Ontario	1000 acres	2	2	3	5	4	4	4	3	4	0	4	7.2
Share of total	%	1	1	1	2	2	2	1	1	1	-	2	3.7

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

TABLE 5. SOYBEAN ACREAGE IN ONTARIO, 1973-83

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Ontario Soybean Acreage	1000 acres	470	441	585	376	493	705	700	700	689	900	900	6.7
% of Major Crops	%	6	6	5	5	6	9	9	8	8	11	11	5.6
% of Improved Land	%	4	4	3	3	4	6	6	6	6	8	8	6.4
Southern Ontario	1000 acres	469	440	384	376	493	686	667	662	638	805	763	5.0
Share of total	%	100	100	100	100	100	97	95	95	93	89	85	-1.6
Western Ontario	1000 acres	1	1	1	0	0	12	23	22	29	55	87	56.3
Share of total	%	-	-	-	-	-	2	3	3	4	6	10	46.5
Central Ontario	1000 acres	0	0	0	0	0	5	7	12	16	25	31	24.0
Share of total	%	-	-	-	-	-	1	1	2	2	3	3	37.2
Eastern Ontario	1000 acres	0	0	0	0	0	2	3	4	6	15	19	26.7
Share of total	%	-	-	-	-	-	1	1	1	1	2	2	49.4
Nortern Ontario	1000 acres	0	0	0	0	0	0	0	0	0	0	0	0
Share of total	%	-	-	-	-	-	-	-	-	-	-	-	-

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

TABLE 6. WHEAT ACREAGE IN ONTARIO, 1973-83

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Ontario Wheat Acreage	1000 acres	376	420	455	516	590	335	490	480	524	300	565	4.2
% of Major Crops	%	5	6	6	7	7	4	6	6	6	4	7	3.1
% of Improved Land	%	3	4	4	5	5	3	4	4	5	3	5	3.9
Southern Ontario	1000 acres	272	307	337	369	436	225	348	329	356	155	368	3.1
Share of total	%	72	73	74	72	74	67	71	69	68	52	65	-1.1
Western Ontario	1000 acres	62	66	74	90	104	65	85	92	105	105	137	8.3
Share of total	%	17	16	16	17	17	19	17	19	20	35	24	3.9
Central Ontario	1000 acres	36	41	38	51	46	40	50	51	54	37	51	3.5
Share of total	%	10	10	8	10	8	12	10	11	10	12	9	-0.6
Eastern Ontario	1000 acres	5	6	6	5	3	4	6	7	9	3	8	4.8
Share of total	%	1	1	1	1	1	1	1	1	2	1	1	0.6
Nortern Ontario	1000 acres	1	0	0	1	1	1	1	1	0	0	1	0.0
Share of total	%	-	-	-	-	-	-	-	-	-	-	-	-

Source: Calculated from Ontario Agricultural Statistics, OMAF.

TABLE 7. BARLEY ACREAGE IN ONTARIO, 1973-83

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Ontario Barley Acreage	1000 acres	350	340	360	371	320	360	335	415	467	580	525	4.1
% of Major Crops	%	5	5	5	5	4	4	4	5	6	7	6	3.1
% of Improved Land	%	3	3	3	3	3	3	3	4	4	5	5	3.9
Southern Ontario	1000 acres	109	84	95	107	75	83	73	96	85	110	72	-4.1
Share of total	%	31	25	26	29	23	23	22	23	18	19	14	-7.9
Western Ontario	1000 acres	165	168	174	172	160	175	155	182	227	270	260	4.7
Share of total	%	47	49	48	46	50	49	46	44	49	47	50	0.5
Central Ontario	1000 acres	49	57	58	54	45	48	43	56	52	70	66	3.0
Share of total	%	14	17	16	15	14	13	13	13	11	12	13	-1.1
Eastern Ontario	1000 acres	18	21	22	23	21	23	37	50	67	85	79	15.9
Share of total	%	5	6	6	6	7	9	11	12	14	15	15	11.3
Nortern Ontario	1000 acres	9	10	11	15	19	21	27	31	36	45	48	18.2
Share of total	%	3	3	3	4	6	6	8	7	8	8	9	13.5

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

TABLE 8. OATS ACREAGE IN ONTARIO, 1973-83

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Ontario Oats Acreage	1000 acres	575	525	530	544	450	445	405	390	328	370	331	-5.4
% of Major Crops	%	8	7	7	7	6	6	5	5	4	5	4	-6.4
% of Improved Land	%	5	5	5	5	4	4	4	3	3	3	3	-5.6
Southern Ontario	1000 acres	190	163	155	160	120	126	98	98	76	95	80	-8.3
Share of total	%	33	31	29	29	27	28	24	25	23	26	24	-3.1
Western Ontario	1000 acres	105	95	99	83	67	66	60	61	56	100	93	-1.2
Share of total	%	18	18	19	15	15	15	15	16	17	27	28	4.4
Central Ontario	1000 acres	102	93	96	90	73	75	74	71	57	55	46	-7.7
Share of total	%	18	18	18	17	16	17	18	18	17	15	14	-2.4
Eastern Ontario	1000 acres	127	123	127	150	130	118	118	100	97	80	74	-5.3
Share of total	%	22	23	24	28	29	27	29	26	30	22	22	0.1
Nortern Ontario	1000 acres	51	51	53	61	60	60	55	60	42	40	38	-2.9
Share of total	%	9	10	10	11	13	13	14	15	13	11	11	2.6

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

TABLE 9. MIXED GRAIN ACREAGE IN ONTARIO, 1973-83

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Ontario Mixed Grain Acreage	Acres	875	819	825	826	810	810	790	800	783	740	685	-2.4
% of Major Crops	%	12	11	11	10	10	10	10	10	10	9	8	-3.4
% of Improved Land	%	8	7	7	7	7	7	7	7	7	7	6	-2.9
Southern Ontario	1000 acres	121	111	106	100	90	95	81	85	79	85	70	-5.3
Share of total	%	14	14	13	12	11	12	10	11	10	11	10	-3.0
Western Ontario	1000 acres	575	526	532	552	548	543	535	536	510	480	452	-2.4
Share of total	%	66	64	64	67	68	67	68	67	65	65	66	0.0
Central Ontario	1000 acres	114	120	122	96	95	99	95	93	90	85	80	-3.5
Share of total	%	13	15	15	12	12	12	12	12	11	11	12	-1.1
Eastern Ontario	1000 acres	44	49	53	55	55	51	58	68	73	65	66	4.1
Share of total	%	5	6	6	7	7	6	7	9	9	9	10	6.7
Nortern Ontario	1000 acres	21	13	12	23	22	22	21	18	31	25	17	-2.1
Share of total	%	2	2	1	3	3	3	3	2	4	3	2	0.3

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

TABLE 10. HAY ACREAGE IN ONTARIO, 1973-83

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Ontario Hay Acreage	Acres	2,850	2,701	2,700	2,851	2,745	2,850	2,820	2,700	2,575	2,540	2,575	-1.5
% of Major Crops	%	39	37	36	36	35	36	34	33	31	31	31	-2.1
% of Improved Land	%	26	24	24	26	26	26	25	24	23	23	23	-1.3
Southern Ontario	1000 acres	438	387	393	400	360	390	380	350	322	300	300	-3.7
Share of total	%	15	14	15	14	13	14	13	13	13	12	12	-2.7
Western Ontario	1000 acres	934	878	871	932	895	945	940	900	855	850	850	-0.9
Share of total	%	33	33	32	33	33	33	33	33	33	33	33	0.0
Central Ontario	1000 acres	493	460	455	483	470	480	490	470	444	445	450	-0.9
Share of total	%	17	17	17	17	17	17	17	17	17	18	18	0.1
Eastern Ontario	1000 acres	727	719	720	750	740	750	740	720	681	680	700	-0.4
Share of total	%	26	27	27	26	27	26	26	27	26	27	27	0.7
Nortern Ontario	1000 acres	258	257	261	286	280	285	270	260	273	265	270	0.5
Share of total	%	9	10	10	10	10	10	10	10	11	10	11	1.5

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

TABLE 11. TOTAL CROP ACREAGE IN ONTARIO, 1973-83

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate	Average Share of Total
													- % -	- % -
Ontario Total Crop Acreage	Acres	7,370	7,377	7,405	7,928	7,883	8,025	8,220	8,255	8,181	8,125	8,176	1.0	100
% of Improved		68	67	67	72	71	72	74	74	73	73	78		
Southern Ontario	1000 acres	2,582	2,576	2,568	2,700	2,724	2,778	2,832	2,860	2,829	2,810	2,868	1.1	35
% of Imrpoved	%	73.4	71.9	71.7	75.4	76.1	77.6	77.4	78.4	77.5	77.0	78.8		
Western Ontario	1000 acres	2,353	2,333	2,343	2,571	2,560	2,621	2,718	2,732	2,674	2,675	2,684	1.3	33
% of Improved	%	66.4	65.0	65.3	71.7	71.3	73.0	75.7	76.1	74.5	74.5	79.7		
Central Ontario	1000 acres	977	979	982	1,020	999	1,020	1,059	1,068	1,052	1,037	1,025	0.5	13
% of Improved	%	67.6	65.3	65.5	68.0	66.6	68.0	69.0	69.6	68.5	68.0	66.8		
Eastern Ontario	1000 acres	1,116	1,156	1,172	1,246	1,214	1,213	1,233	1,222	1,240	1,228	1,221	0.9	15
% of Improved	%	60.9	63.6	64.5	68.6	66.8	66.8	68.7	68.1	69.1	68.4	68.0		
Nortern Ontario	1000 acres	342	333	340	391	386	393	378	373	386	375	378	1.0	5
% of Improved	%	65.5	57.1	58.3	67.1	66.2	67.4	63.5	62.7	64.9	63.0	63.5		

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

TABLE 12. AGRICULTURAL LAND USE IN SOUTHERN ONTARIO

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Total Improved Area	1000 acres	3,520	3,581	3,581	3,581	3,581	3,581	3,650	3,650	3,650	3,650	3,650	
Seven Major Crops	1000 acres	2,582	2,576	2,568	2,700	2,724	2,778	2,832	2,860	2,829	2,810	2,868	1.1
% of Improved	%	73.4	71.9	71.7	75.4	76.1	77.6	77.6	78.4	77.5	77.0	78.8	
Remaining Improved	1000 acres	938	1,005	1,013	881	857	803	818	790	821	840	782	
% of Improved	%	26.6	28.1	28.3	24.6	23.9	22.4	22.4	21.6	22.5	23.0	21.4	-2.2
Crops:													
Corn (Grain & Fodder)	1000 acres	983	1,084	1,098	1,188	1,150	1,173	1,185	1,240	1,273	1,260	1,215	2.2
% of 7 Crops	%	38.1	42.1	42.8	44.0	42.2	42.2	41.8	43.4	45.0	44.8	42.4	
% of Improved	%	27.9	30.3	30.7	33.2	32.1	32.8	32.5	34.0	34.9	34.5	33.3	1.8
Soybeans	1000 acres	469	440	384	376	493	686	667	662	638	805	763	5.0
% of 7 Crops	%	18.2	17.1	15.0	13.9	18.1	24.7	23.6	23.1	22.6	28.6	26.6	
% of Improved	%	13.3	12.3	10.7	10.5	13.8	19.2	18.3	18.1	17.5	22.1	20.9	4.6
Wheat	1000 acres	272	307	337	369	436	225	348	329	356	155	368	3.1
% of 7 Crops	%	10.5	11.9	13.1	13.7	16.0	8.1	12.3	11.5	12.6	5.5	12.8	
% of Improved	%	7.7	8.6	9.4	10.3	12.2	6.3	9.5	9.0	9.8	4.2	10.1	2.7
Barley	1000 acres	109	84	95	107	75	83	73	96	85	110	72	-4.1
% of 7 Crops	%	4.2	3.3	3.7	4.0	2.8	3.0	2.6	3.4	3.0	3.9	2.5	
% of Improved	%	3.1	2.3	2.7	3.0	2.1	2.3	2.0	2.6	2.3	3.0	2.0	-4.4
Oats	1000 acres	190	163	155	160	120	126	98	98	76	95	80	-8.3
% of 7 Crops	%	7.4	6.3	6.0	5.9	4.4	4.5	3.5	3.4	2.7	3.4	2.8	
% of Improved	%	5.4	4.6	4.3	4.5	3.4	3.5	2.7	2.7	2.1	2.6	2.2	-8.6
Mixed Grains	1000 acres	121	111	106	100	90	95	81	85	79	85	70	-5.3
% of 7 Crops	%	4.7	4.3	4.1	3.7	3.3	3.4	2.9	3.0	2.8	3.0	2.4	
% of Improved	%	3.4	3.1	3.0	2.8	2.5	2.7	2.2	2.3	2.2	2.3	1.9	-5.7
Hay	1000 acres	438	387	393	400	360	390	380	350	322	300	300	-4.1
% of 7 Crops	%	17.0	15.0	15.3	14.8	13.2	14.0	13.4	12.2	11.4	10.7	10.5	
% of Improved	%	12.4	10.8	11.0	11.2	10.1	10.9	10.4	9.6	8.8	8.2	8.2	-4.1

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

TABLE 13. AGRICULTURAL LAND USE IN WESTERN ONTARIO

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Total Improved Area	1000 acres	3,544	3,588	3,588	3,588	3,588	3,588	3,591	3,591	3,591	3,591	3,591	
Seven Major Crops	1000 acres	2,353	2,333	2,343	2,571	2,560	2,621	2,718	2,732	2,674	2,675	2,684	1.3
% of Improved	%	66.4	65.0	65.3	71.7	71.3	73.0	75.7	76.1	74.5	74.5	74.7	
Remaining Improved	1000 acres	1,191	1,255	1,245	1,017	1,028	967	873	859	917	916	907	
% of Improved	%	33.6	35.0	34.7	28.3	28.7	27.0	24.3	23.9	25.5	25.5	25.3	-2.8
Crops:													
Corn (Grain & Fodder)	1000 acres	511	599	592	742	786	815	920	939	892	815	805	4.6
% of 7 Crops	%	21.7	25.7	25.3	28.9	30.7	31.1	33.8	34.4	33.4	30.5	30.0	
% of Improved	%	14.4	16.7	16.5	20.7	21.9	22.7	25.6	26.1	24.8	22.7	22.4	4.5
Soybeans	1000 acres	1	1	1	0	0	12	23	22	29	55	87	56.3
% of 7 Crops	%	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.8	1.1	2.1	3.2	
% of Improved	%	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.6	0.8	1.5	2.4	56.1
Wheat	1000 acres	62	66	74	90	104	65	85	92	105	105	137	8.3
% of 7 Crops	%	2.6	2.8	3.2	3.5	4.1	2.5	3.1	3.4	3.9	3.9	5.1	
% of Improved	%	1.7	1.8	2.1	2.5	2.9	1.8	2.4	2.6	2.9	2.9	3.8	8.1
Barley	1000 acres	165	168	174	172	160	175	155	182	227	270	260	4.7
% of 7 Crops	%	7.0	7.2	7.4	6.7	6.3	6.7	5.7	6.7	8.5	10.1	9.7	
% of Improved	%	4.7	4.7	4.8	4.8	4.5	4.9	4.3	5.1	6.3	7.5	7.2	4.5
Oats	1000 acres	105	95	99	83	67	66	60	61	56	100	93	-1.2
% of 7 Crops	%	4.5	4.1	4.2	3.2	2.6	2.5	2.2	2.2	2.1	3.7	3.5	
% of Improved	%	3.0	2.6	2.8	2.3	1.9	1.8	1.7	1.7	1.6	2.8	2.6	-1.3
Mixed Grains	1000 acres	575	526	532	552	548	543	535	536	510	480	452	-2.4
% of 7 Crops	%	24.4	22.5	22.7	21.5	21.4	20.7	19.7	19.6	19.1	17.9	16.8	
% of Improved	%	16.2	14.7	14.8	15.4	15.3	15.1	14.9	14.9	14.2	13.4	12.6	-2.5
Hay	1000 acres	934	878	871	932	895	945	940	900	855	850	850	-0.9
% of 7 Crops	%	39.7	37.6	37.2	36.3	35.0	36.1	34.6	32.9	32.0	31.8	31.7	
% of Improved	%	26.4	24.5	24.3	26.0	24.9	26.3	26.2	25.1	23.8	23.7	23.7	-1.1

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

TABLE 14. AGRICULTURAL LAND USE IN CENTRAL ONTARIO

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Total Improved Area	1000 acres	1,445	1,500	1,500	1,500	1,500	1,500	1,535	1,535	1,535	1,535	1,535	
Seven Major Crops	1000 acres	977	979	982	1,020	999	1,020	1,059	1,068	1,052	1,037	1,025	0.5
% of Improved	%	67.6	65.3	65.5	68.0	66.6	68.0	69.0	69.6	68.5	68.0	66.8	
Remaining Improved	1000 acres	468	521	518	480	501	480	476	467	483	498	510	
% of Improved	%	32.4	34.7	34.5	32.0	33.4	32.0	31.0	30.4	31.5	32.0	33.2	0.3
Crops:													
Corn (Grain & Fodder)	1000 acres	183	208	213	246	270	273	300	315	339	320	301	5.1
% of 7 Crops	%	18.7	21.2	21.7	24.1	27.0	26.8	28.3	29.5	32.2	30.9	29.4	
% of Improved	%	12.7	13.9	14.2	16.4	18.0	18.2	19.5	20.5	22.1	20.8	19.6	4.5
Soybeans	1000 acres	0	0	0	0	0	5	7	12	16	25	31	44.0
% of 7 Crops	%	0.0	0.0	0.0	0.0	0.0	0.5	0.7	1.1	1.5	2.4	3.0	
% of Improved	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.6	2.0	43.4
Wheat	1000 acres	36	41	38	51	46	40	50	51	54	37	51	3.5
% of 7 Crops	%	3.7	4.2	3.9	5.0	4.6	3.9	4.7	4.8	5.1	3.6	5.0	
% of Improved	%	2.5	2.7	2.5	3.4	3.1	2.7	3.3	3.3	3.5	2.4	3.3	2.9
Barley	1000 acres	49	57	58	54	45	48	43	56	52	70	66	3.0
% of 7 Crops	%	5.0	5.8	5.9	5.3	4.5	4.7	4.1	5.2	4.9	6.8	6.4	
% of Improved	%	3.4	3.8	3.9	3.6	3.0	3.2	2.8	3.6	3.4	4.6	4.3	2.4
Oats	1000 acres	102	93	96	90	73	75	74	71	57	55	46	-7.7
% of 7 Crops	%	10.4	9.5	9.8	8.8	7.3	7.4	7.0	6.6	5.4	5.3	4.5	
% of Improved	%	7.1	6.2	6.4	6.0	4.9	5.0	4.8	4.6	3.7	3.6	3.0	-8.2
Mixed Grains	1000 acres	114	120	122	96	95	99	95	93	90	85	80	-3.5
% of 7 Crops	%	11.7	12.3	12.4	9.4	9.5	9.7	9.0	8.7	8.6	8.2	7.8	
% of Improved	%	7.9	8.0	8.1	6.4	6.3	6.6	6.2	6.1	5.9	5.5	5.2	-4.1
Hay	1000 acres	493	460	455	483	470	480	490	470	444	445	450	-0.9
% of 7 Crops	%	50.5	47.0	46.3	47.4	47.0	47.1	46.3	44.0	42.2	42.9	43.9	
% of Improved	%	34.1	30.7	30.3	32.2	31.3	32.0	31.9	30.6	28.9	29.0	29.3	-1.5

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

TABLE 15. AGRICULTURAL LAND USE IN EASTERN ONTARIO

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Total Improved Area	1000 acres	1,834	1,817	1,817	1,817	1,817	1,817	1,795	1,795	1,795	1,795	1,795	
Seven Major Crops	1000 acres	1,116	1,156	1,172	1,246	1,214	1,213	1,233	1,222	1,240	1,228	1,221	0.9
% of Improved	%	60.9	63.6	64.5	68.6	66.8	66.8	68.7	68.1	69.1	68.4	68.0	
Remaining Improved	1000 acres	718	661	645	571	603	604	562	573	555	567	574	
% of Improved	%	39.1	36.4	35.5	31.4	33.2	33.2	31.3	31.9	30.9	31.6	32.0	-2.0
Crops:													
Corn (Grain & Fodder)	1000 acres	195	238	244	263	265	255	271	273	307	300	275	3.5
% of 7 Crops	%	17.5	20.6	20.8	21.1	21.8	21.0	22.0	22.3	24.6	24.4	22.5	
% of Improved	%	10.6	13.1	13.4	14.5	14.6	14.0	15.1	15.2	17.1	16.7	15.3	3.7
Soybeans	1000 acres	0	0	0	0	0	2	3	4	6	15	19	56.9
% of 7 Crops	%	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.5	1.2	1.6	
% of Improved	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	1.4	1.7	44.4
Wheat	1000 acres	5	6	6	5	3	4	6	7	9	3	8	4.8
% of 7 Crops	%	0.4	0.5	0.5	0.4	0.2	0.3	0.5	0.6	0.7	0.2	0.7	
% of Improved	%	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.4	0.5	0.2	0.4	5.0
Barley	1000 acres	18	21	22	23	21	33	37	50	67	85	79	15.9
% of 7 Crops	%	1.6	1.8	1.9	1.8	1.7	2.7	3.0	4.1	5.4	6.9	6.5	
% of Improved	%	1.0	1.2	1.2	1.3	1.2	1.8	2.1	2.8	3.7	4.7	4.4	16.2
Oats	1000 acres	127	123	127	150	130	118	118	100	97	80	74	-5.3
% of 7 Crops	%	11.4	10.6	10.8	12.0	10.7	9.7	9.6	8.2	7.8	6.5	6.1	
% of Improved	%	6.9	6.8	7.0	8.3	7.2	6.5	6.6	5.6	5.4	4.5	4.1	-5.1
Mixed Grains	1000 acres	44	49	53	55	55	51	58	68	73	65	66	4.1
% of 7 Crops	%	3.9	4.2	4.5	4.4	4.5	4.2	4.7	5.6	5.9	5.3	5.4	
% of Improved	%	2.4	2.7	2.9	3.0	3.0	2.8	3.2	3.8	4.1	3.6	3.7	4.4
Hay	1000 acres	727	719	720	750	740	750	740	720	681	680	700	-0.4
% of 7 Crops	%	65.1	62.2	61.4	60.2	61.0	61.8	60.0	58.9	54.9	55.4	57.3	
% of Improved	%	39.6	39.6	39.6	41.3	40.7	41.3	41.2	40.1	37.9	37.9	39.0	-0.2

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

TABLE 16. AGRICULTURAL LAND USE IN NORTHERN ONTARIO

Items	Units	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Annual Growth Rate
													- % -
Total Improved Area	1000 acres	521	583	583	583	583	583	595	595	595	595	595	
Seven Major Crops	1000 acres	342	333	340	391	386	393	378	373	386	375	378	1.0
% of Improved	%	65.5	57.1	58.3	67.1	66.2	67.4	63.5	62.7	64.9	63.0	63.5	
Remaining Improved	1000 acres	180	250	243	192	197	190	217	222	209	220	217	
% of Improved	%	34.5	42.9	41.7	32.9	33.8	32.6	36.5	37.3	35.1	37.0	36.5	0.6
Crops:													
Corn (Grain & Fodder)	1000 acres	2	2	3	5	4	4	4	3	4	0	4	7.2
% of 7 Crops	%	0.6	0.6	0.9	1.3	1.0	1.0	1.1	0.8	1.0	0.0	1.1	
% of Improved	%	0.4	0.3	0.5	0.9	0.7	0.7	0.7	0.5	0.7	0.0	0.7	5.8
Soybeans	1000 acres	0	0	0	0	0	0	0	0	0	0	0	
% of 7 Crops	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
% of Improved	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Wheat	1000 acres	1	0	0	1	1	1	1	1	0	0	1	
% of 7 Crops	%	0.1	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.1	0.0	0.3	
% of Improved	%	0.1	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.2	
Barley	1000 acres	9	10	11	15	19	21	27	31	36	45	48	18.2
% of 7 Crops	%	2.6	3.0	3.2	3.8	4.9	5.3	7.1	8.3	9.3	12.0	12.7	
% of Improved	%	1.7	1.7	1.9	2.6	3.3	3.6	4.5	5.2	6.1	7.6	8.1	16.7
Oats	1000 acres	51	51	53	61	60	60	55	60	42	40	38	-2.9
% of 7 Crops	%	14.9	15.3	15.6	15.6	15.5	15.3	14.6	16.1	10.9	10.7	10.1	
% of Improved	%	9.8	8.7	9.1	10.5	10.3	10.3	9.2	10.0	7.1	6.7	6.4	-4.2
Mixed Grains	1000 acres	21	13	12	23	22	22	21	18	31	25	17	-2.1
% of 7 Crops	%	6.1	3.9	3.5	5.9	5.7	5.6	5.6	4.8	8.0	6.7	4.5	
% of Improved	%	4.0	2.2	2.1	3.9	3.8	3.8	3.5	3.0	5.2	4.2	2.9	-3.4
Hay	1000 acres	258	257	261	286	280	285	270	260	273	265	270	0.5
% of 7 Crops	%	75.5	77.2	76.8	73.1	72.5	72.5	71.4	69.7	70.7	70.7	71.4	
% of Improved	%	49.5	44.1	44.8	49.1	48.0	48.9	45.4	43.7	45.9	44.5	45.4	-0.9

Source: Calculated from Agricultural Statistics for Ontario, OMAF.

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